

**To:** Kring, Debbie[kring.debbie@epa.gov]  
**From:** Gravatt, Dan  
**Sent:** Fri 10/25/2013 2:14:11 PM  
**Subject:** FW: West Lake Landfill - concerned citizen letter

Do you want to try? I can't think of anything else to provide.

Daniel R. Gravatt, PG

US EPA Region 7 SUPR/MOKS

11201 Renner Boulevard, Lenexa, KS 66219

Phone (913)-551-7324

Principles and integrity are expensive, but they are among the very few things worth having.

**From:** **Ex. 6 - Personal Privacy**  
**Sent:**  
**To:** Gravatt, Dan  
**Subject:** Re: West Lake Landfill - concerned citizen letter

Dan,

I am familiar with and have read this document. It does not answer my concerns, it actually is what generated my concerns.

Is there someone else that would be able to address my concerns?

Thank you.

**Ex. 6 - Personal Privacy**

**From:** "Gravatt, Dan" <Gravatt.Dan@epa.gov>  
**To:** CHARLES BELL; **Ex. 6 - Personal Privacy**  
**Cc:** "Kring, Debbie" <kring.debbie@epa.gov>  
**Sent:** Friday, October 25, 2013 7:52 AM  
**Subject:** RE: West Lake Landfill - concerned citizen letter

Ex. 6 - Personal Privacy

EPA has posted the PRP's health and safety plan and the approved work plan for the GCPT work on its website at the following URL. These documents may help address your concerns below.

[http://www.epa.gov/region7/cleanup/west\\_lake\\_landfill/index.htm](http://www.epa.gov/region7/cleanup/west_lake_landfill/index.htm)

Sincerely,

Daniel R. Gravatt, PG

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Principles and integrity are expensive, but they are among the very few things worth having.

**From:** **Ex. 6 - Personal Privacy**

**Sent:** Thursday, October 24, 2013 1:22 PM

**To:** Gravatt, Dan

**Subject:** Re: West Lake Landfill - concerned citizen letter

Dan,

Thank you for addressing my concerns. I do have a few more questions.

First, I understand that the MDNR is doing air monitoring on-site for gamma radiation. Will there be monitoring done for alpha and beta particles as well? Do these monitors give real-time information, and if the monitors show a high level of particles, what steps will be taken? Will work be immediately stopped, and the surrounding community informed? Please remember, there is a subdivision, a trailer park, and many businesses less than a mile from this landfill.

There are also schools and a hospital within a 2 mile radius.

Second, how will the surfaces be "wetted"? Will they be sprayed with water, which would obviously generate dust to become airborne? What happens when the surfaces dry? Do you truly believe that this is an effective safety measure?

Myself and many others in this community are still asking for a cover to be used for ANY and ALL work done on the radioactive side of the landfill. I hope you will reconsider your position on a cover not being necessary for the initial work. This community deserves to be protected as much as possible from the toxic wastes that are present throughout this landfill.

It was mentioned in the work plan that a brush hog would possibly be used to clear vegetation. I am asking that a brush hog is not used under any circumstances, as this would generate a large amount of dust, and possibly toxic waste particles, allowing them to become airborne.

Thank you for your time, and I sincerely hope that you will consider this communities concerns regarding any future work that is performed at West Lake Landfill.

Ex. 6 - Personal Privacy

**From:** "Gravatt, Dan" <Gravatt.Dan@epa.gov>  
**To:** "Muenks, Shawn" <shawn.muenks@dnr.mo.gov>  
**Cc:** "Ex. 6 - Personal Privacy"; "Lehman, Larry" <larry.lehman@dnr.mo.gov>; "Nager, Chris" <christopher.nager@dnr.mo.gov>; "Kring, Debbie" <kring.debbie@epa.gov>  
**Sent:** Thursday, October 24, 2013 12:51 PM  
**Subject:** RE: West Lake Landfill - concerned citizen letter

Shawn, here are some facts EPA has compiled to help explain the upcoming GCPT work and address concerns from citizens about vegetation clearing. I am copying Ms. Bell on this e-mail.

## **Facts about Pre-Construction Survey at West Lake Landfill**

### **October – November 2013**

- \* There are two phases of pre-construction survey work: the Gamma Cone Penetrometer test (GCPT) and a core sampling phase.
- \* Under the GCPT work plan that EPA negotiated with Republic Services, dust suppression is required. A cover is not required for the equipment or the ground where this survey phase of the isolation barrier project is being conducted, and is not anticipated to be necessary for the core sampling phase.
- \* This is an engineering survey only – there will be no isolation barrier construction or excavation in this phase. The purpose of the work is to survey an area between Bridgeton Sanitary Landfill and West Lake Landfill, at and below the ground's surface, using drilling and scanning equipment, to identify any radiologically-impacted material that may be present and ensure the area is suitable for future construction of the isolation barrier.
- \* This work is expected to be complete by the end of December. Actual construction of the isolation barrier will not occur until sometime after the first of the new year.
- \* There will be only minimal disturbance of the surface of the landfill during this phase of work. To avoid unnecessary disturbance of the landfill's surface, a system of temporary roads or paths will be built across a portion of the surface, on which the survey equipment will be able to travel. Minimal removal of vegetation will be involved.
- \* The equipment and techniques being used for this survey are expected to generate only minimal amounts of dust. EPA staff will be on site to monitor all work to ensure that dust is suppressed by means of wetting of surfaces with water.
- \* The Missouri Department of Natural Resources will continue to monitor the air for gamma radiation throughout the work, as it has been doing for several months now. All personnel working on the project will be trained in appropriate worker

health and safety protocols, and will follow a written Health and Safety Plan.

\* Ultimately, this work is necessary to establish the proper location of the isolation barrier. No such effort is ever completely free of hazards, but EPA is striving to ensure that the survey phase of work is completed in a safe and timely manner so that construction of the isolation barrier can proceed without delay.

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**From:** Muenks, Shawn [<mailto:shawn.muenks@dnr.mo.gov>]  
**Sent:** Tuesday, October 22, 2013 2:53 PM  
**To:** Gravatt, Dan  
**Cc:** 'belckmp@sbcglobal.net'; Lehman, Larry; Nagel, Chris  
**Subject:** West Lake Landfill - concerned citizen letter

Dan,

Attached is a letter from a concerned citizen Ex. 6 - Personal Privacy regarding the upcoming work at West Lake Landfill that was sent to our Solid Waste Management program. We are sending this to you since EPA is the lead agency for this portion of the site. Ms. Bell has also been copied on this email. Please keep us informed on EPA's response.

Shawn Muenks, P.E.

Missouri Department of Natural Resources


P.O. Box 176, Jefferson City, MO 65102

Ph: (573)751-3107

Email: [shawn.muenks@dnr.mo.gov](mailto:shawn.muenks@dnr.mo.gov)

**From:** Lehman, Larry  
**Sent:** Tuesday, October 22, 2013 1:03 PM  
**To:** Muenks, Shawn  
**Cc:** Nagel, Chris  
**Subject:** RE: Landfill

Thanks. Here you go.

Please copy  on the email to Dan Gravatt. Thanks.

Larry Lehman

Compliance/Enforcement Section Chief

Solid Waste Management Program

Department of Natural Resources

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